

**REMARKS**

Applicant respectfully requests reconsideration of the present application in view of the reasons which follow.

The Examiner objects to the disclosure under 37 CFR § 1.163(a) and rejects the claim under 35 U.S.C. 112, first and second paragraphs, as being unsupported by a clear and complete botanical description which distinguishes the cultivar from related known varieties. Favorable reconsideration and allowance of the application is requested in view of the foregoing amendments and the remarks which follow.

In order to expedite the Examiner's review of this response, Applicant will address each of the Examiner's objections in the order they were discussed in the Official Action.

A. The specification has been amended at page 1, line 12, and at page 2, line 2, to delete the recitation "at PKM Nurseries."

B. The specification has been amended at page 4, to describe four photographic drawings and explain that 'Elizabeth Wonder' as captioned in the drawing is the breeder's reference to the instant plant.

C. The specification has been amended at page 6, line 13, to provide the color and RHS value of the calyx.

D. The instant plant does not produce seeds.

E. The specification has been amended at page 1, lines 3, 8, 9, and 15; page throughout page 3, page 4, lines 2, 11, 14; page 5, line 2, to correct the genus and species designation to *Campanula X haylodgensis hort.*

Lastly, the specification has been amended throughout to change the title of the instant plant from '10.02.277' to --'PKMh02'--.

Due to the number of changes and/or corrections, Applicant hereby files a Substitute Specification containing no new matter. The Examiner is authorized to cancel the specification as filed in favor of the attached substitute specification.

Applicant believes that the present application is now in condition for allowance.  
Favorable reconsideration of the application as amended is respectfully requested.

The Examiner is invited to contact the undersigned by telephone if it is felt that a telephone interview would advance the prosecution of the present application.

The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 C.F.R. §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 19-0741. Should an improper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 19-0741.

Date: Sept 24, 2004

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Respectfully submitted,

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**Amendments to the Specification:**

**Please amend the paragraphs starting on page 1, line 1 and ending on page 7,  
line 13 as follows:**

CAMPANULA PLANT NAMED '~~40.02.277~~'PKMh02'

Latin name of genus and species of the plant claimed:

*Campanula X haylodgensis sensu strictu hort.*

Variety denomination:

~~40.02.277~~ PKMh02

**BACKGROUND OF THE INVENTION**

The present invention relates to a new and distinct cultivar of *Campanula* plant, botanically known as *Campanula X haylodgensis sensu strictu hort.*, commonly known as Bellflower, and hereinafter referred to by the name '~~40.02.277~~'PKMh02'.

The new *Campanula*, '~~40.02.277~~'PKMh02', is a product of a planned breeding program conducted by the Inventor, Gert K. Jensen, at ~~PKM Nurseries~~ in Søhus, Denmark. The new *Campanula* originated as a mutant in a production batch of an unnamed, proprietary selection of *Campanula X haylodgensis sensu strictu hort.* (unpatented). The Inventor selected the new *Campanula* cultivar from the progeny of the above cross on the basis of its compact and freely flowering habit with upright, pale blue flowers. Plants of the new *Campanula* are more upright, compact, and more freely flowering with larger flowers than the original cultivar.

Asexual reproduction of the new cultivar by terminal cuttings taken and propagated at ~~PKM Nurseries~~ in Søhus, Denmark, has shown that the unique features of this new *Campanula* are stable and reproduce true to type in many successive generations.

#### SUMMARY OF THE INVENTION

Plants of the cultivar '~~10.02.277~~'PKMh02' have not been observed under all possible environmental conditions. The phenotype may vary somewhat with variations in environment such as temperature, light intensity, day length, and fertility level without, however, any variance in genotype.

The following traits have been repeatedly observed and are determined to be the unique characteristics of '~~10.02.277~~'PKMh02'. These characteristics in combination distinguish '~~10.02.277~~'PKMh02' as a new and distinct cultivar:

1. Upright plant habit;
2. Greater number of larger flowers per plant;
3. Vigorous growth habit, and less need for chemical growth retardation;
4. Upright, pale blue double flowers; and
5. Balloon shaped flower buds.

Side-by-side comparisons between the instant plant and an unnamed proprietary selection of *Campanula* X *haylodgensis* sensu strictu hort. were conducted by the Inventor

in Søhus, Denmark. Plants of '10.02.277'PKMh02 differ from the unnamed proprietary selection of *Campanula* X *haylodgensis sensu strictu hort.* in the following characteristics:

1. Plants of '10.02.277'PKMh02 have more lateral branches and more upright growth than plants of the unnamed proprietary selection of *Campanula* X *haylodgensis sensu strictu hort.*
2. Plants of '10.02.277'PKMh02 have differently shaped leaves than plants of similar cultivars of the unnamed proprietary selection of *Campanula* X *haylodgensis sensu strictu hort.*
3. Plants of '10.02.277'PKMh02 have longer peduncles than plants of the unnamed proprietary selection of *Campanula* X *haylodgensis sensu strictu hort.*
4. Plants of '10.02.277'PKMh02 have lighter blue colored flowers than plants of the unnamed proprietary selection of *Campanula* X *haylodgensis sensu strictu hort.*
5. Plants of '10.02.277'PKMh02 have more flowers per plant and larger flowers than plants of the unnamed proprietary selection of *Campanula* X *haylodgensis sensu strictu hort.*
6. Plants of '10.02.277'PKMh02 have more upright flowers than plants of the unnamed proprietary selection of *Campanula* X *haylodgensis sensu strictu hort.*

#### BRIEF DESCRIPTION OF THE DRAWINGS

The accompanying photographic drawings illustrate the overall appearance of the new cultivar, showing the colors as true as it is reasonably possible to obtain in colored reproductions of this type. Colors in the photographs may differ slightly from the color

values cited in the detailed botanical description, which more accurately describe the actual colors of '~~10.02.277~~'PKMh02'.

The first photographic drawing shows a side view of a potted flowering plant of 'PKMh02'. The second photographic drawing shows a flower of 'PKMh02', designated in the photograph by the breeder's reference, 'Elizabeth Wonder', as compared to a flower of an unnamed proprietary selection of *Campanula X haylodgensis hort.*

The ~~first-third~~ photographic drawing shows a side ~~top~~ perspective view of a typical flowering plant of '~~10.02.277~~'PKMh02' compared to the unnamed proprietary selection of *Campanula X haylodgensis sensu strictu hort.* as grown in 11 cm pots. The ~~second-fourth~~ photographic drawing shows a close-up view of typical flowering racemes of '~~10.02.277~~'PKMh02' in comparison with unnamed proprietary selection of *Campanula X haylodgensis sensu strictu hort.*

#### DETAILED BOTANICAL DESCRIPTION

In the following description, color references are made to The Royal Horticultural Society (RHS) Colour Chart, 4<sup>th</sup> edition, where general terms of ordinary dictionary significance are used. Plants were grown under greenhouse conditions. The plants described were about 14 weeks old after cutting, as grown in 11 cm pots.

Parentage: Mutant of unnamed proprietary selection of *Campanula X haylodgensis sensu strictu hort.* (unpatented)

Propagation:

Type cutting. Terminal vegetative cuttings.

Time to initiate roots: About 10 to 14 days at 18 to 21 C in tunnels in a greenhouse.

Root description: Fine, well branched.

**Plant description:**

Form: Perennial plant with upright plant habit. Double, campanulate flowers in racemes.

Freely branching with lateral branches forming at every node, dense and bushy.

Crop time: After rooting, about 13 weeks are required to produce finished flowering plants in 11 cm pots.

Plant height (soil level to top of plant plane): About 20 cm.

Vigor: Vigorous growth rate

Foliage description: Basal leaves single, dentate, cordate, palmate venation. Length: 20-30 mm. Width: About 25 mm. Shape: Cordate. Apex: Truncate. Base: Cuspidate. Margin: broadly crenate. Texture: smooth, glabrous, dull. No pubescence. Upper leaves (bracts): Single, entire, Oblong. Tips acute, bases cuneate. Length: 25-30 mm. Width: 20 mm. Color: Young foliage, upper and lower surfaces: from RHS 138A to RHS 138 C, green. Mature foliage, upper and lower surfaces: RHS 143 A and RHS 138 B, respectively.

**Flower description:**

Flower arrangement and shape: Double, hose in hose flowers in racemes; campanulate flowers with small star shaped calyx. The calyx is medium green, RHS 138A.

Natural flowering season: Continuous throughout the spring and summer. Season can be extended by vernalization and long day treatments.

Flower longevity on the plant: Longevity of individual flowers is highly dependent on temperature and light conditions. Flowers persistent.

Inflorescence size: Length: about 14 cm.

Number of flowers per inflorescence: 8; about 500 flowers per plant

Flower buds: Upright balloon shape

Flowers: Upright. Depth: About 12 mm. Diameter: About 25 mm. Lanceolate, acuminate petal lobes: 5 mm long and 8 mm wide. Young corolla color: upper and lower surfaces, RHS 91 D and RHS 91 C, respectively, pale blue violet; older petals upper and lower are RHS 97 D and RHS 85 C, respectively.

Peduncle: Strength: moderately weak. Length: about 7-20 mm. Diameter: about .2 mm.

Color: RHS 138 A, light green

Reproductive Organs: Pistil and stigma are contorted, same color as petals.

Weather tolerance: Plants of the new *Campanula* have exhibited good tolerance to drought, rain and wind; low temperature resistant to - 20C.



**Amendments to the Abstract:**

**Please amend the full paragraph on page 9, lines 1-5, as follows:**

Abstract of the Disclosure

A new and distinct cultivar of *Campanula* plant named ~~'10.02.277'~~ 'PKMh02', characterized by having compact plant habit; freely branching plant form; vigorous growth habit and less need for chemical growth retardation; greater number of larger flowers per plant, and large upright pale blue flowers.

**Amendment to the Claim:**

**This listing of the claim replaces all prior versions, and listings, of the claim in the application:**

**I Claim:**

1. A new and distinct cultivar of *Campanula* plant named ~~'10.02.277'~~ 'PKMh02', as illustrated and described herein.